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Typed or printed name

Dekel Patent Ltd.

011 972 8 9495323

September 5, 2006

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PTO/SB/21 (09-04) SEP 0.5 2006 Approved for use through 07/31/2008, OMB 0651-0031

Under the Paperwork Reduction Act of 1995, no persona are regular to respond to a collection of information unless it displays a valid OMB control number. **Application Number** 10/564,630 Filing Date January 13, 2006 TRANSMITTAL First Named Inventor Pinhas BLAU **FORM** Art Unit **Examiner Name** (to be used for all correspondence after initial filing) Attorney Docket Number 1327MMG-US Total Number of Pages In This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication to TC Fee Transmittal Form Drawing(s) Appeal Communication to Board Licensing-related Papers of Appeals and Interferences Fee Attached Appeal Communication to TC Petition (Appeal Notice, Brief, Reply Brief) Amendment/Reply Petition to Convert to a Proprietary Information After Final Provisional Application Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please Identify Terminal Disclaimer below):
Request to Correct Inventorship Extension of Time Request Request for Refund Written Consent of Assignee Statement under 37 CFR 3.73(b) Express Abandonment Request Statement by Inventor under 37 CFR 1.48(a) CD, Number of CD(s) Information Disclosure Statement Declaration Landscape Table on CD Credit Card Form Remarks Certified Copy of Priority Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name Dekel Patent Ltd. Signature David Ille Printed name David Klein Reg. No. Date September 5, 2006 41,118 **CERTIFICATE OF TRANSMISSION/MAILING** I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: Signature David Klei Date

This collection of Information is required by 37 CFR 1.5. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to This collection of information is required by 37 CPR 1.5. The information is required to obtain or retain or behalf by the public which is to fine (principle) process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including pathering, preparing, and submitting the completed application form to the USPTO. Time with vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office. U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

David Klein

SEP 0 5 2006

S/N 10/564,630

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant:

Pinhas Blau

Serial No.:

10/564,630

Filed:

January 13, 2006

Title:

Optical Frequency Converter For Non-Polarized Light

Group Art Unit: N/A

Examiner:

N/A

REQUEST TO CORRECT INVENTORSHIP UNDER 37 CFR § 1.48(a)

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

It has been found that the above-referenced patent application, through error and without deceptive intent, currently improperly sets forth the inventorship of the invention claimed therein. Accordingly, Applicant hereby respectfully requests that the above-referenced application be corrected in compliance with 37 CFR § 1.48(a), and that the following persons be added as inventors:

Raphael Lavi, a citizen of Israel, residing at 38 Hativat Harel St., Raanana 43588, Israel;

Shaul Pearl, a citizen of Israel, residing at Moshav Nehusha 40, Zip Code 99833, Israel;

Ariel Elior, a citizen of Israel, residing at 9 Savion Street, Modiin 71700, Israel.

Please find included herewith:

- A statement from each person being added as an inventor that the error in inventorship occurred without deceptive intention on his or her part;
- An oath or declaration by the actual inventor or inventors;

• The written consent of the assignee, including a statement under 37 CFR § 3.73(b).

The processing fee set forth in § 1.17(i) is believed to be due in connection with the filing of this request and is being paid together with the submission of the relevant papers.

Respectfully submitted,

David Illei

David Klein

011 972 8 9495323

Representative for Applicant Registration No. 41,118

DAVID KLEIN DEKEL PATENT LTD. BEIT HAROF'IM 18 MENUHA VENAHALA STREET, ROOM 27 **REHOVOT 76209 ISRAEL**

TEL 972 8 949 5334 FAX 972 8 949 5323

Sep 05 06 04:47p

E-MAIL: dekelltd@netvision.net.il

S/N 10/564,630

SEP 05 2006

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant: Pinhas Blau

Serial No.:

10/564,630

Filed:

January 13, 2006

Title:

Optical Frequency Converter For Non-Polarized Light

Group Art Unit: N/A

Examiner:

N/A

WRITTEN CONSENT OF ASSIGNEE UNDER 37 CFR § 1.48(a)

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

As a below-named authorized signatory empowered to sign this statement on behalf of Assignee of Record:

SOREQ NUCLEAR RESEARCH CENTER

I hereby consent to the addition of the following persons as inventors:

Raphael Lavi, a citizen of Israel, residing at 38 Hativat Harel St., Raanana 43588,

Israel;

Shaul Pearl, a citizen of Israel, residing at Moshav Nehusha 40, Zip Code 99833,

Israel;

Ariel Elior, a citizen of Israel, residing at 9 Savion Street, Modiin 71700, Israel.

A statement under 37 CFR 3.73(b) is enclosed.

AUTHORIZED SIGNATORY:

Efi Lavie

PATENT COORDINATOR ISRAEL ATOMIC ENERGY COMMISSION SOREQ NUCLEAR RESEARCH CENTER 8 1800 YAVNE, ISRAEL

TITLE:

Director of Patents

SIGNATURE:

E. (e.v.l August 14, 2006

DATE:

SEP 0 5 2006

PTO/SB/96 (12-05)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.7	<u>73(b)</u>
Applicant Patent Owner Soreq Nuclear Research Center	
Application No./Patent No./Control No.: 10/564,630 Filed/Issue D	_{ate:} Filed January 13, 2006
Entitled: OPTICAL FREQUENCY CONVERTER FOR NON-POL	ARIZED LIGHT
Ellanea	
Soreq Nuclear Research Center, acorpor	ation
(Name of Assignee) (Type of Assignee: c	orporation, partnership, university, government agency, etc.
states that it is: 1. X the assignee of the entire right, title, and interest; or	
an assignee of less than the entire right, title and interest (The extent (by percentage) of its ownership interest is%)	
in the patent application/patent identified above by virtue of either:	
A. X An assignment from the inventor(s) of the patent application/patent identifing the United States Patent and Trademark Office at Reel 017487 original assignment is attached.	ied above. The assignment was recorded Frame0376, or a true copy of the
OR B. A chain of title from the inventor(s), of the patent application/patent identi	fied above, to the current assignee as follows:
From: To: The document was recorded in the United States Patent and Trad	emark Office at
Reel, Frame, or for which a	copy thereof is attached.
2. From:To:	
The document was recorded in the United States Patent and Trad Reel, Frame, or for which a	emark Office at a copy thereof is attached.
3. From:To:To:The document was recorded in the United States Patent and Trad	
The document was recorded in the United States Patent and Trad Reel, or for which	emark Office at a copy thereof is attached.
Additional documents in the chain of title are listed on a supplemental	
As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chair assignee was, or concurrently is being, submitted for recordation pursual [NOTE: A separate copy (i.e., a true copy of the original assignment document of the copy of the original assignment of the copy of the original assignment in 302.08]	nt to 37 CFR 3.11.
The undersigned (whose title is supplied below) is authorized to act on behalf o	f the assignee. August 14, 2006
Signature Efi Lavie	Date +972-8-9434231
Printed or Typed Name	Telephone Number
Director of Patents, Soreq Nuclear Research Cente	er
Title	_

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

SEP 05 2006

S/N 10/564,630

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant: Pinhas Blau

Serial No .

10/564,630

Filed:

į

January 13, 2006

Title:

Optical Frequency Converter For Non-Polarized Light

Group Art Unit N/A

Examiner:

N/A

STATEMENT BY INVENTOR UNDER 37 CFR § 1.48(2)

Assistant Commissioner for Patents Washington, D.C. 20231

It has been found that the above-referenced patent application currently improperly sets forth the inventorship of the invention claimed therein. We hereby respectfully request that Sir the above-referenced application be corrected in compliance with 37 CFR § 1.48(a), and that we be added as inventors as follows.

Raphael Lavi, a citizen of Israel, residing at 38 Hativat Harel St., Raznana 43588, Israel, Shaul Pearl, a citizen of Israel, residing at Moshav Nehusha 40, Zip Code 99833, Israel; Ariel Ellor, a citizen of Israel, residing at 9 Savion Street, Modiin 71700, Israel

We hereby state that the error in inventorship occurred without deceptive intent on our part. We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Respectfully submitted,

Shaul Pearl

Ariel Elior

SEP 05 2006

Attorney Docket No.: 1327MMG-US

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As below named inventors, we hereby declare that:

Our residence, post office address and citizenship are as stated below under our names.

We believe that we are the original, first and sole inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled

OPTICAL FREQUENCY CONVERTER FOR NON-POLARIZED LIGHT

the Specification	ation of which
X	is attached hereto was filed on
	was nied on
	as Application Serial No. (if applicable).
	and was amended on (II applicable).
We	hereby state that we have reviewed and understand the contents of the above-identified
* .~ .;-	hereby state that we have reviewed and understanding the claims, as amended by any amendment referred to above.
Specification	M, Hichard are comme,

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, 1.56(a).

We hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or (f) of any provisional application filed in the United States in accordance with 35 U.S.C. §119(e), or any application for patent that has been converted to a Provisional Application within one (1) year of its filing date, or any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

PRIOR FILED APPLICATION(S)

APPLICATION	COUNTRY	(DAY/MONTH/YEAR FILED)	PRIORITY CLAIMED
<u>NUMBER</u> 60/487,255	US	16 July 2003	YES

We hereby claim the benefit under Title 35, United States Code, §120 of any United States application listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in any prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a), which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Attorney Docket No.: 1327MMG-US

APPLICATION FILING DATE STATUS - PATENTED, PENDING, ABANDONED PCT/IL2004/000647 16 July 2004 PENDING

We hereby appoint as my agent David Klein (Agent, Registration No. 41,118) with full power of substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Please address all correspondence regarding this application to:

David Klein
DEKEL PATENT LTD.
Beit HaRof im
18 Menuha VeNahala Street, Room 27
REHOVOT ISRAEL

Direct all telephone calls to (972) 8-949-5334 and facsimiles to (972) 8-949-5323.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF INVENTOR:	Pinhas Blau
ADDRESS:	PO Box 155, Nof Ayalon 99785, Israel
COUNTRY OF CITIZENSHIP:	Israel
SIGNATURE OF INVENTOR	J.
DATE 2.1. 2006	
NAME OF INVENTOR:	Raphael Lavi
ADDRESS:	38 Hativat Harel St., Raanana 43588, Israel
ADDRESS: COUNTRY OF CITIZENSHIP:	38 Hativat Harel St., Raanana 43588, Israel
	Israel

Attorney Docket No.: 1327MMG-US

NAME OF INVENTOR:	Shaul Pearl
ADDRESS:	Moshav Nehusha 40, Zip Code 99833, Israel
COUNTRY OF CITIZENSHIP:	Israel
SIGNATURE OF INVENTOR	S. Peur
DATE 2/1/06	,
NAME OF INVENTOR:	Ariel Elior
ADDRESS:	9 Savion Street, Modiin 71700, Israel
COUNTRY OF CITIZENSHIP:	Israel
SIGNATURE OF INVENTOR	
DATE 9 / 900/	



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APRIL 18, 2006

PTAS



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DEKEL PATENT LTD. BEIT HAROFIM 18 MENUHA VENAHLAL STREET, ROOM 27 REHOVOT, ISRAEL

> UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 01/13/2006

REEL/FRAME: 017487/0376

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BLAU, PINHAS

DOC DATE: 01/02/2006

ASSIGNOR:

LEVI. RAPHAEL

DOC DATE: 01/02/2006

ASSIGNOR:

PEARL, SHAUL

DOC DATE: 01/02/2006

ASSIGNOR:

ELIOR, ARIEL

DOC DATE: 01/06/2006

ASSIGNEE:

SOREQ NUCLEAR RESEARCH CENTER

NAHAL SOREG

YAVNE, ISRAEL 81800

017487/0376 PAGE 2

SERIAL NUMBER: 10564630 FILING DATE: PATENT NUMBER: ISSUE DATE:

TITLE: OPTICAL FREQUENCY CONVERTER FOR NON -POLARIZED LIGHT

TARA WASHINGTON, EXAMINER ASSIGNMENT SERVICES BRANCH PUBLIC RECORDS DIVISION

PRIORITY DATE



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Vignia 22313-1450

U.S. APPLICATION NUMBER NO. FIRST NAMED APPLICANT ATTY. DOCKET NO.

10/564,630 Pinhas Blau 1327MMG-US

INTERNATIONAL APPLICATION NO.

PCT/IL04/00647

I.A. FILING DATE

David Klein
Dekel Patent Ltd.
Beit HaRofim
18 Menuha VeNahala Street, Room 27
Rehovot,
ISRAEL

07/16/2004 07/16/2003

CONFIRMATION NO. 3327

371 FORMALITIES LETTER
*CC00000019539359'

Date Mailed: 07/10/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 01/13/2006
- Copy of the International Search Report filed on 01/13/2006
- Preliminary Amendments filed on 01/13/2006
- Information Disclosure Statements filed on 01/13/2006
- Oath or Declaration filed on 01/13/2006
- Small Entity Statement filed on 01/13/2006
- Request for Immediate Examination filed on 01/13/2006
- U.S. Basic National Fees filed on 01/13/2006
- Assignment filed on 01/13/2006
- Priority Documents filed on 01/13/2006
- Specification filed on 01/13/2006
- Claims filed on 01/13/2006
- Abstracts filed on 01/13/2006
- Drawings filed on 01/13/2006

09/07/2006 MKAYPAGH 00000043 10564630

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The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application
 by the International application number and International filing date. The current oath or declaration does
 not comply with 37 CFR 1.497(a) and (b) in that it:
 - Is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.

- Inventors Nos.2, 3, and 4 mentioned on the declaration are not on the published international application. In addition, I do not have an IB Form 306 indicating any changes in the inventors.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath
 or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27,
 must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$65 for a Small Entity:

\$65 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

WINSTON M ALVARADO

Telephone: (703) 308-9140 EXT 206

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/564,630	PCT/IL04/00647	1327MMG-US

FORM PCT/DO/EO/905 (371 Formalities Notice)

AIN GO!	P 0 5 2006
Form PTO-1595 (Rev. 09/04) OMB No. 0651-0027 (exp. 6/30/2001) 01-26-2	006 United States Patent and Trademark O
	HIHIII WELLEN S JAN 2006
To the Director of the U.S. Pat 1. Name of conveying party(les)/Execution Date(s)	thed documents or the new address(es) below.
Pinhas Blau Raphael Levi Shaul Pearl Ariel Elior	Name: Soreq Nuclear Research Center Internal Address:
Execution Date(s) 2 January 2006 Additional name(s) of conveying party(les) attached? Yes X 1	Street Address: Nahal Soreq
3. Nature of conveyance: X Assignment Becurity Agreement Change of Name	City: Yavne State:
Government Interest Assignment Executive Order 9424, Confirmatory License Other	Country: Srael Zip: 81800 Additional name(s) & address(es) attached? Yes X
A. Patent Application No.(s) Additional numbers a	B. Patent No.(s)
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Internal Address:	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40 X Authorized to be charged by credit card Authorized to be charged to deposit account
Street Address:Beit HaRofim 18 Menuha VeNahala Street, Room 27	Enclosed None required (government interest not affecting trit
City: Rehovot	8. Payment Information
State: Israel Zip:	a. Credit Card Last 4 Numbers 1096 Expiration Date Sept 2008
Phone Number: 972-8-949-5334 Fax Number: 972-8-949-5323	b. Deposit Account Number
Email Address:	Authorized User Name
9. Signature: Signature	13 January 2006
David Klein Name of Person Signing	Total number of pages including cover sheet, altachments, and documents 3
Documents to be recorded (including cover shee Mail Stop Assignment Recordation Services, Director of	et) should be faxed to (703) 306-5395, or mailed to: of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450